

IN THE SPECIFICATION:

Please amend the paragraph on page 9, lines 3-25 as follows:

A representative system in which the present invention is implemented is illustrated in **Figure 1**. A plurality of Internet client machines **10** are connectable to a computer network Internet Service Provider (ISP) **12** via a network such as a dialup telephone network [14]. As is well known, the dialup telephone network usually has a given, limited number of connections **16a-16n**. ISP **12** interfaces the client machines **10** to the remainder of the network **18**, which includes a plurality of web content server machines **20**. Network **18** typically includes other servers (not shown) for control of domain name resolution, routing and other control functions. A client machine typically includes a suite of known Internet tools, including a Web browser, to access the servers of the network and thus obtain certain services. These services include one-to-one messaging (e-mail), one-to-many messaging (bulletin board), on-line chat, file transfer and browsing. Various known Internet protocols are used for these services. Thus, for example, browsing is effected using the Hypertext Transfer Protocol (HTTP), which provides users access to multimedia files using Hypertext Markup Language (HTML). The collection of servers that use HTTP comprise the World Wide Web, which is the Internet's multimedia information retrieval system.

Please amend the paragraph on page 13, lines 2-15, as follows:

One or more publishing servers **40a-n** are provided throughout the computer network to host the code modules. In the preferred embodiment, code modules are written to a given transformation API so that application developers can write modules that perform given functions at any arbitrary server. As will be described below, in an alternative embodiment, a given code module may be supported on a client that makes a request for service to the target server. Thus, if necessary or desirable, a given client machine may upload a code module to the target server for use by [a] one of client response [routine 34] routines 34a-34n. While not meant to be limiting, a given code

module may be written in Java or in a native code format (e.g., C, C++, or the like).

IN THE CLAIMS:

Please amend claims 9, 17, 20, and 23 as follows:

9. (Amended) A method for enabling a web client to add functionality to a web server on an as-needed basis, comprising the steps of:

receiving a request from a client, the request identifying a code module required to process the request;

[during a given Web transaction] responsive to a determination that the code module is not available at the web server, uploading a code module from the client to the web server; and

at the web server, using the uploaded code module as needed to service a given request from the web client.

17. (Amended) A computer program product in a computer usable medium operative in a web server, comprising:

means [responsive to receipt of] for receiving a request from a client [for], the request identifying a code module and an address for the code module;

means responsive to a determination that the code module is not available at the web server for using the address to request the code module from a given location in the computer network; and

means responsive to receipt of the code module from the given location for installing the code module at the web server for use in responding to the request.

20. (Amended) A computer program product in a computer usable medium operative in a web server, comprising:

means [responsive to receipt of] for receiving a request from a client [for], the request identifying a code module required to process the request;

means responsive to a determination that the code module is not available at the web server for requesting the client to upload the code module; and

means responsive to receipt of the code module from the client for installing the code module at the web server for use in responding to the request.

23. (Amended) A web server operative in a computer network, comprising:

means [responsive to receipt of] for receiving a request from a client, the request [for] identifying a code module and an address for the code module;

means responsive to a determination that the code module is not available at the web server for using the address to request the code module from a given location in the computer network;

means responsive to receipt of the code module from the given location for installing the code module at the web server for use in responding to the request; and

means for executing the code module to respond to the request.